

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2005/000133

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B65G 53/24, B65G 53/60, F04F 5/20, B01D 47/10, B65F 5/00 // B65G 53/62
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B65G, F04F, B01D, B65F, A22C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 2413316 A1 (HÖLTER, HEINZ), 2 October 1975 (02.10.1975), whole document --	1-22
Y	EP 1179682 A2 (EBARA CORPORATION), 13 February 2002 (13.02.2002), whole document --	1-22
Y	DATABASE WPI Week 200122 Derwent Publications Ltd., Londong, GB; Class D22, AN 1998-058758 & JP 9301504 A (NIPPON KOKAN KOJI KK) 09 April 2001 (2001-04-09) abstracts, figures 1-5 --	1-22

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

8 June 2005

Date of mailing of the international search report

10-06-2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 1965866 A (E.B. TOLMAN, JR.), 10 July 1934 (10.07.1934), whole document --	1-22
Y	DE 3323486 A1 (HUGO IBING GMBH), 3 January 1985 (03.01.1985), whole document --	1-22
Y	GB 288862 A (DORMAN LONG AND COMPANY LIMITED), 19 April 1928 (19.04.1928), whole document --	1-22
A	DATABASE WPI Week 199828 Derwent Publications Ltd., London, GB; Class P41, AN 1998-316523 & JP 10114430 A, (SATAKE SEISAKUSHO KK) 06 May 1998 (1998-05-06) abstract, figures 1-2 -- -----	1,13

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INTERNATIONAL SEARCH REPORT

Information on patent family members

30/04/2005

International application No.

PCT/FI 2005/000133

DE	2413316	A1	02/10/1975	NONE		
EP	1179682	A2	13/02/2002	DE	60108570	D 00/00/0000
				JP	2002054600	A 20/02/2002
				TW	552158	B 00/00/0000
				US	6682002	B 27/01/2004
				US	20020030121	A 14/03/2002
US	1965866	A	10/07/1934	NONE		
DE	3323486	A1	03/01/1985	NONE		
GB	288862	A	19/04/1928	NONE		

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